CCS Technical Documentation
RH-3 Series Transceivers

Service Tools

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Service Tools

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Photo	Code	Service Tool	Code	Description Info
	JBV-1	Docking Station	0770298	The Docking Station and the Docking Station Adapter are needed for Mbus, Fbus, RF, and audio connections. MJF-28 works in conjunction with the JBV-1 Docking Station and the FPS-8 Prommer to allow calibration, tuning, and/or software flashing of the handset. It supports "LYNX" battery interface and has a built-in R-UIM card reader.
	MJF-28	Docking Station Adapter	0770484	The Docking Station and the Docking Station Adapter are needed for Mbus, Fbus, RF, and audio connections. MJF-28 works in conjunction with the JBV-1 Docking Station and the FPS-8 Prommer to allow calibration, tuning, and/or software flashing of the handset. It supports "LYNX" battery interface and has a built-in R-UIM card reader.
	FLA-44	Flash Loading Adapter	0770483	The flash loading adapter replaces the phone battery to provide continuous power to the handset. It allows the service SW to communicate with the handset for flashing and other POS functions. The tool is primarily intended for use at POS locations using the FLS-4S device.
	DKU-5F	Flash Cable	0080738	Designed as a single-cable flashing solution for Tomahawk-based CDMA handsets supporting the Spirent Communications UPST tool. *Note: Customers using the UPST application also will require a Spirent protection key (dongle).*

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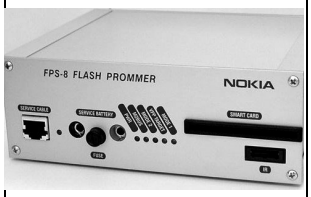
	MJS-82	Service Jig	0770474	The MJS-82 secures and allows easy access to critical areas of the handset's PWB during troubleshooting. It supports regulated (to 5VDC) or unregulated DC input voltage, local and normal mode operations, headset jack for audio tests, and R-UIM card reader. There is a second DC input for VCHAR used in EM tuning. The jig also supports simultaneous RF connections to the CDMA and GPS engines. A completely functional UI module is provided on the right side.
	CA-8RS	RF Test Cable	0770299	The CA-8RS is a spare part for the MJS-82 jig.
	RJ-13	Rework Jig	0770574	This tool serves as a mechanical holder for de-soldering and soldering of components. *RJ-13 is not intended to serve as a test jig.*
	FPS-8	Flash Prommer	0080321	The Flash Prommer FPS-8 is used for heavy flash.
	JXS-1	Shield Box	0770346	Use with MJF-28 and coupler when radiated tests are required. *Developed and used only by the Americas AMS group.*

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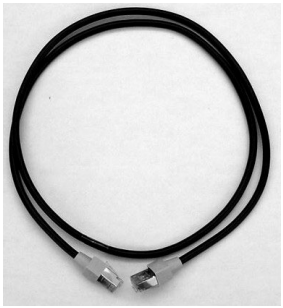	XCS-4	Mbus/Fbus Cable	0730178	The XCS-4 Service Cable is a modular cable for flashing DCT4 products.
	PCS-1	Power Cable	0730012	The Power Cable PCS-1 is used to connect the service tools (JBV-1, MJS-82) to an external power supply.
	XRS-6	RF Cable	0730231	RF Cable XRF-1 is used to connect the service tools to RF measuring equipment.
	FLS-4S	POS Flash Adapter	0080543	The Point of Sale (POS) flash is a low-cost software upgrade tool. (This requires the XCS-1 cable [0730218], NOT included.)
	DAU-9T	FBUS Cable	0730267	The MBUS cable DAU-9T provides a connection from the serial port of the computer to the system connector of the phone.

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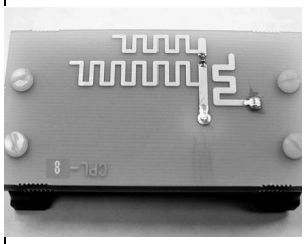
	DAU-9S	F / MBUS Cable	0730108	This is a general-purpose cable to support F / MBUS communication between a Mod-10 device and a PC.
	SKT-3	Test A-Cover	0770541	Test A-Cover allows the technician to replace the handset's original A-Cover with one that provides access to the CDMA and GPS RF connectors. *This accessory only supports the XRS-4 RF Test Cable.*
	XRS-4	RF Test Cable	0730221	The XRS-4 is used in conjunction with the SKT-3 Test Cover.
	XRS-12	RF Test Cable	0730274	The XRS-12 can be used for galvanic RF testing (cellular and GPS).
	CA-5S	DC Service Cable	0730283	**CA-5S is** used for EM calibration with the JBV-1. The cable replaces the SCB-3 DC Cable (0730114)
	CPL-8	GPS Antenna Coupler	0770475	Use this coupler to test the GPS antenna during handset troubleshooting at authorized service centers. The coupler is attached to and detached from MJF-28. *The MJF-28 and the coupler assembly fit into the JXS-1 shield box.*

Photo	Code	Service Tool	Code	Description Info
	PKD-1	SW Security Device	0750018	SW security device PKD-1 is hardware device that, when connected to the parallel (LPT) port of the PC, enables the use of the service software. Without the dongle present, it is not possible to use the service software. Printers or other peripheral devices can be connected to the PC through the dongle, if needed. *Caution: Make sure that you have switched off the PC and the printer before making connections!* *Caution: Do not connect the PKD-1 to the serial port. You may damage your PKD-1!*